

WHAT IS CLAIMED IS:

1. A method for robust layered 3:2 pulldown film mode source detection, said method providing video signals of three fields, a current field, a last field and a next field, said video signals being used to determine a film
5 source and said method comprising steps of:
 - defining a plurality of layers and each layer has a threshold and a counter;
 - comparing each difference between pixels of said last field and said next field with each layer's threshold to obtain a comparing result;
 - 10 according to said comparing result, determining a change of said counter of every layer; and
 - determining a result sequence by said counter to decide said film mode source.
2. The method according to Claim 1 wherein said layers are three.
- 15 3. The method according to Claim 1 wherein said counter of a layer is increased by 1 when the absolute value of each difference is bigger than a threshold of a layer.
4. The method according to Claim 1 wherein said result sequence uses the fame difference of the film source processed by 3:2 pulldown as the
20 fixed sequence by its counter.